

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A continuous-treatment apparatus for subjecting a surface of a substrate for a display device, which is targeted for treatments, ~~of an object~~ to continuous plural types of treatments, comprising:

a substrate ~~an object~~ carrier selectively holding the substrate ~~object~~ and carrying the substrate ~~object~~ along a carrying direction; and

plural types of treatment units which are arranged side by side along the carrying direction of the substrate ~~object~~ and which subject the surface, which is targeted for treatments, of the substrate ~~object~~ to sequential different treatments at atmospheric pressure or at a pressure near atmospheric pressure,

wherein, a combination of the plural types of treatment units may be changed at will and any desired type of treatment unit may be added;

wherein the substrate is carried by the substrate carrier while the surface ~~targeted for treatments of the substrate is facing downward, and the plural types of~~ treatment units are operated upward to treat the surface of the substrate targeted for ~~treatments; and~~

wherein the apparatus is configured to allow excess liquid applied to the surface ~~targeted for treatments, by at least one of the treatment units, to fall away from the~~ surface after being applied to the surface.

2. (currently amended) The continuous-treatment apparatus according to Claim 1, wherein the substrate object carrier comprises:

a suction portion removably suctioning and holding a surface targeted for holding, which is opposite to the surface targeted for treatments, of the substrate object;
a guide component guiding the suction portion in the carrying direction; and
a driving portion transferring the suction portion along the guide component.

3. (cancelled)

4. (currently amended) The continuous-treatment apparatus according to Claim 1, wherein the plural types of treatment units comprise a cleaning treatment unit, a drying treatment unit, a surface modification treatment unit, a liquid agent application treatment unit, and an annealing treatment unit.

5. (cancelled)

6. (currently amended) A continuous-treatment method for subjecting a surface of a substrate for a display device, which is targeted for treatments, of ~~an object~~ to continuous plural types of treatments, the method comprising:

subjecting the surface, which is targeted for treatments, of the substrate object to sequential different treatments at atmospheric pressure or at a pressure near atmospheric pressure through the use of plural types of treatment units arranged side by side along a carrying direction of the substrate object while the substrate object is

held and the substrate object is carried along the carrying direction by a substrate carrier;

wherein the combination of the plural types of treatment units may be changed at will and any desired type may be added in accordance with the type of the object;

wherein the substrate is carried by the substrate carrier while the surface, which is targeted for treatments, is facing downward, and the plural types of treatment units are operated upward to treat the surface, which is targeted for treatments, of the substrate; and

wherein excess liquid applied to the surface targeted for treatments, by at least one of the treatment units, is allowed to fall away from the surface after being applied to the surface.

7. (cancelled)

8. (currently amended) The continuous-treatment method according to Claim 6 7, wherein the plural types of treatment units comprise a cleaning treatment unit, a drying treatment unit, a surface modification treatment unit, a liquid agent application treatment unit, and an annealing treatment unit.

9. (cancelled)